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Atty. Dkt.: 073169-0261847

5-29-03 TW

IN THE CLAIMS

1. **(Currently Amended)** A communications and data display system comprising:
a projection system including a projector ~~high-speed radio frequency (RF) wireless~~ transceiver and a controller; and
a first data appliance including a first ~~high-speed RF wireless~~ transceiver, wherein:
the first ~~high-speed RF wireless~~ transceiver transfers graphical data to the projector ~~high-speed RF wireless~~ transceiver;
the projection system displays the graphical data; and
the transfer and the display of the graphical data is controlled by the controller using first control data.

2. **(Currently Amended)** The communications and data display system of claim 1, further comprising:
a second data appliance including a second ~~high-speed RF wireless~~ transceiver, wherein:
the first ~~high-speed RF wireless~~ transceiver transfers a first signal to the projector ~~high-speed RF wireless~~ transceiver;
the projector ~~high-speed RF wireless~~ transceiver transfers the first signal to the second ~~high-speed RF wireless~~ transceiver; and
the transfer of the first signal from the first data appliance to the second data appliance is controlled by the controller using second control data.

3. **(Currently Amended)** The communications and data display system of claim 2, wherein:
the second ~~high-speed RF wireless~~ transceiver transfers a second signal to the projector ~~high-speed RF wireless~~ transceiver;
the projector ~~high-speed RF wireless~~ transceiver transfers the second signal to the first ~~high-speed RF wireless~~ transceiver; and

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the transfer of the second signal from the second data appliance to the first data appliance is controlled by the controller using the second control data.

4. **(Currently Amended)** The communications and data display system of claim 1, wherein:

the projection system further comprises an interface to an external network; the first ~~high-speed RF wireless~~ transceiver transfers a first signal to the projector ~~high-speed RF wireless~~ transceiver; the projector ~~high-speed RF wireless~~ transceiver transfers the first signal to the external network; and the transfer of the first signal from the first data appliance to the external network is controlled by the controller using third control data.

5. **(Currently Amended)** The communications and data display system of claim 4, wherein:

the external network transfers a second signal to the projector ~~high-speed RF wireless~~ transceiver; the projector ~~high-speed RF wireless~~ transceiver transfers the second signal to the first ~~high-speed RF wireless~~ transceiver; and the transfer of the second signal from the external network to the first data appliance is controlled by the controller using the third control data.

6. **(Currently Amended)** The communications and data display system of claim 1, wherein:

the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX; the processing unit takes keyboard input from a local keyboard; the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory; the processing unit provides processing-unit graphics output to the graphics chip and to the MUX;

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the processing unit provides processing-unit control output to the MUX; the graphics chip provides graphics-chip output to a local display and to the MUX; and the MUX provides MUX output to the first ~~high-speed RF wireless~~ transceiver, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

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7. **(Currently Amended)** The communications and data display system of claim 1, wherein:
the projection system further comprises a graphics converter and a projector;
the graphics converter receives the graphical data from the projector ~~high-speed RF wireless~~ transceiver and transfers uncompressed graphical data to the projector;
and
the projector displays the uncompressed graphical data.
8. **(Previously Amended)** The communications and data display system of claim 7, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.
9. **(Previously Amended)** The communications and data display system of claim 8, wherein:
the compressed graphical data includes compressed motion graphics or video data; and
the uncompressed graphical data includes uncompressed motion graphics or video data.
10. **(Currently Amended)** A communications and data display system comprising:
a projection system including a projector ~~high-speed radio frequency (RF) wireless~~ receiver and a controller; and
a first data appliance including a first ~~high-speed RF wireless~~ transmitter, wherein:
the first ~~high-speed RF wireless~~ transmitter transfers graphical data to the projector ~~high-speed RF wireless~~ receiver;
the projection system displays the graphical data; and
the transfer and the display of the graphical data is controlled by the controller using control data.

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11. (Currently Amended) The communications and data display system of claim 10, wherein:

the first data appliance further comprises a graphics chip, a processing unit, a memory and a MUX;

the processing unit takes keyboard input from a local keyboard;

the processing unit takes memory graphics input from the memory and provides processing-unit memory output to the memory;

the processing unit provides processing-unit graphics output to the graphics chip and the MUX;

the processing unit provides processing-unit control output to the MUX;

the graphics chip provides graphics-chip output to a local display and to the MUX; and

the MUX provides MUX output to the first ~~high-speed RF~~ wireless transmitter, the MUX output having a compression format selected from the group consisting of compressed and uncompressed.

12. (Currently Amended) The communications and data display system of claim 10, wherein:

the projection system further comprises a graphics converter and a projector;

the graphics converter receives the graphical data from the projector ~~high-speed RF~~ wireless receiver and transfers uncompressed graphical data to the projector; and

the projector displays the uncompressed graphical data.

13. (Previously Amended) The communications and data display system of claim 12, wherein the graphics converter includes an application-aware graphics chip that transforms compressed graphics data to the uncompressed graphics data.

14. (Currently Amended) A method for communication and data display, comprising:

transmitting graphical data from a first ~~high-speed radio frequency (RF)~~ wireless transceiver of a first data appliance to a projector ~~high-speed RF~~ wireless transceiver of a projection system;

displaying the graphical data with the projection system; and

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controlling the transmitting of the graphical data and the displaying of the graphical data with a controller using first control data.

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15. (Currently Amended) The method of claim 14, further comprising:
transmitting a first signal from the first ~~high-speed RF wireless~~ transceiver to the projector ~~high-speed RF wireless~~ transceiver;
transmitting the first signal from the projector ~~high-speed RF wireless~~ transceiver to a second ~~high-speed RF wireless~~ transceiver of a second data appliance; and
controlling the transmission of the first signal from the first data appliance to the second data appliance with the controller using second control data.

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16. (Currently Amended) The method of claim 15, further comprising:
transmitting a second signal from the second ~~high-speed RF wireless~~ transceiver to the projector ~~high-speed RF wireless~~ transceiver;
transmitting the second signal from the projector ~~high-speed RF wireless~~ transceiver to the second ~~high-speed RF wireless~~ transceiver; and
controlling the transmission of the second signal from the second data appliance to the first data appliance with the controller using the second control data.

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17. (Currently Amended) The method of claim 14, further comprising:
transmitting a first signal from the first ~~high-speed RF wireless~~ transceiver to the projector ~~high-speed RF wireless~~ transceiver;
transmitting the first signal from the projector ~~high-speed RF wireless~~ transceiver to an external network, the projection system including an interface to the external network; and
controlling the transmission of the first signal from the first data appliance to the external network with the controller using third control data.

18. (Currently Amended) The method of claim 17, further comprising:
transmitting a second signal from the external network to the projector ~~high-speed RF wireless~~ transceiver;

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transmitting the second signal from the projector ~~high-speed RF wireless~~ transceiver to the first ~~high-speed RF wireless~~ transceiver; and controlling the transmission of the second signal from the external network to the first data appliance with the controller using the third control data.

19. (Currently Amended) The method of claim 14, further comprising:
transmitting a keyboard input from a local keyboard to the first data appliance;
converting compressed graphical data to uncompressed graphical data at the first data appliance; and
controlling a flow of uncompressed graphical data and compressed graphical data to the first ~~high-speed RF wireless~~ transceiver.

20 (Previously Amended) The method of claim 19, wherein:
the compressed graphical data includes compressed motion graphics or video data; and
the uncompressed graphical data includes uncompressed motion graphics or video data.

21. (Original) The method of claim 14, further comprising:
converting compressed graphical data to uncompressed graphical data at the projection system;
controlling a flow of uncompressed graphical data to a projector of the projection system;
and
using the projector to display uncompressed graphical data.

22. (Original) The method of claim 21, wherein converting compressed graphical data to uncompressed graphical data includes using an application-aware graphics chip to transform compressed graphical data to uncompressed graphical data.

23. (Currently Amended) The communications and data display system of claim 1, wherein the first control data includes at least one of:
projector control data of the projection system; and

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a first control signal of the first data appliance transferred from the first ~~high-speed RF wireless~~ transceiver to the controller via the projector ~~high-speed RF wireless~~ transceiver.

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24. (Currently Amended) The communications and data display system of claim 2, wherein the second control data includes at least one of:

- projector control data of the projection system;
- a first control signal of the first data appliance transferred from the first ~~high-speed RF wireless~~ transceiver to the controller via the projector ~~high-speed RF wireless~~ transceiver; and
- a second control signal of the second data appliance transferred from the second ~~high-speed RF wireless~~ transceiver to the controller via the projector ~~high-speed RF wireless~~ transceiver.

25. (Currently Amended) The communications and data display system of claim 4, wherein the third control data includes at least one of:

- projector control data of the projection system;
- a first control signal of the first data appliance transferred from the first ~~high-speed RF wireless~~ transceiver to the controller via the projector ~~high-speed RF wireless~~ transceiver; and
- an external control signal of the external network transferred to the controller via the interface to the external network.

26. (Currently Amended) The communications and data display system of claim 10, wherein the control data includes at least one of:

- projector control data of the projection system; and
- a first control signal of the first data appliance transferred from the first ~~high-speed RF wireless~~ transmitter to the controller via the projector ~~high-speed RF wireless~~ receiver.

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27. (Currently Amended) The communications and data display system of claim 14, wherein the first control data includes at least one of:
projector control data of the projection system; and
a first control signal of the first data appliance transferred from the first ~~high-speed RF~~
~~wireless~~ transceiver to the controller via the projector ~~high-speed RF~~ ~~wireless~~
transceiver.

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28. (Currently Amended) The communications and data display system of claim 15, wherein the second control data includes at least one of:
projector control data of the projection system;
a first control signal of the first data appliance transferred from the first ~~high-speed RF~~
~~wireless~~ transceiver to the controller via the projector ~~high-speed RF~~ ~~wireless~~
transceiver; and
a second control signal of the second data appliance transferred from the second ~~high-~~
~~speed RF~~ ~~wireless~~ transceiver to the controller via the projector ~~high-speed RF~~ ~~wireless~~
transceiver.

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29. (Currently Amended) The communications and data display system of claim 17, wherein the third control data includes at least one of:
projector control data of the projection system;
a first control signal of the first data appliance transferred from the first ~~high-speed RF~~
~~wireless~~ transceiver to the controller via the projector ~~high-speed RF~~ ~~wireless~~
transceiver; and
an external control signal of the external network transferred to the controller via the
interface to the external network.